

> ----- .- . . . - . . . - - - . - - - - . . - - -  
> . . . - . . . . - - . - - - - - - - - . . . - - - - . .  
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> . - . . - - . . . - - . . . - - - . - . . . . .

^^

.-- -- .- .-.. -.. .-- . .... - - - - .- - - .- - - .  
.- .-.. .-.. .- ... . ... - . ... ..--..

--... ..--

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+-----+
|Gene Marshall          \- \- \          email: genem@cup.hp.com |
|Hewlett Packard Co., MS 42UN      |          Tel: 408/447-5282 |
|Software Technology Division      |          Fax: 408/447-5039 |
|11000 Wolfe Road          |          AA6IY@N6LDL.CA.USA.NA |
|Cupertino, CA 95014        /| \          Bay Area: 147.39+ / 223.96- |
+-----+
```

-----  
Date: Wed, 28 Jul 1993 15:51:04 GMT  
From: pravda.sdsc.edu!news.cerf.net!usc!sol.ctr.columbia.edu!news.kei.com!  
das.wang.com!wang!dbushong@network.ucsd.edu  
Subject: -. .- - . . - - ...  
To: info-hams@ucsd.edu

n4hy@tang.ccr-p.ida.org (Bob McGwier) writes:

>>-- .- . .... - . - . - - - - - - - - - - - - - - - -  
>>.- .- . .... - . - . - - - - - - - - - - - - - - - -  
>>.- . -  
>  
>>-- .- . .... - . - . - - - - - - - - - - - - - - - -  
>>.- .- . .... - . - . - - - - - - - - - - - - - - - -

>We can all call it rec.radio.amateur.neo-luddite

Plus you'd have to have someone write a spell checker for  
such a system (which, presumably, would have caught the  
two "A" characters that should have been "N").

Unfortunately, I can't participate in this group because  
my monitor can't play CW aloud (sic). It's not allowed.

--

Dave Bushong, Wang Laboratories, Inc.    Amateur Radio Callsign KZ10  
Project Leader, Recognition products    kz1o@n0ary.#noca.ca.na  
Internet: dbushong@wang.com

-----  
Date: 28 Jul 93 18:19:09 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Alinco DJ-F1T experiences  
To: info-hams@ucsd.edu

> -----  
>  
> Date: Wed, 28 Jul 1993 13:59:20 GMT  
> From: pa.dec.com!e2big.mko.dec.com!jac.nuo.dec.com!news.crl.dec.com!news!  
jallao.zk3.de  
> c.com!hansen@decwrl.dec.com  
> Subject: Alinco DJ-F1T experiences  
> To: info-hams@ucsd.edu  
>  
> Does anyone out there have any experience with the Alinco DJ-F1T?  
> I'm interested in any info, but am specifically wondering:  
>  
> Just how tough is this radio? (have seen Alinco ads with radios being  
> run over by auto)  
>  
> Is it worth purchasing the HP (5 watt) variant? Does it get hot as  
> the 580T is alleged to?  
>  
> Thanks,  
> Paul Hansen  
> AA1GJ  
>  
> -----  
Hi Paul,

I have a dj-f1t (2 watts) and like it very much. It's about a year old now. I use it mostly for monitoring the local repeaters but it does get into most of them. On my commute to work the rubber duck antenna is the pits but I expect that. I'm in the process of building a 5/8 wave mag mount antenna from a cb antenna. That should improve things a lot.  
I have no trouble

I haven't used all the features and programming the memory is easy. The manual is ok. If you decide on the 5w version there is a feature where you can adjust the power output.

The ht feels solid and looks tough. there has been some comments on the info-hams as to it's toughness. People have dropped them and they still work.

So to sum it up : I'm satisfied!

I would recommend buying one.

BTW, I would like to hear about other people's experiences with it.

73 and good luck

Tom Jennings, kv2x  
jennings@abb.com

-----  
Date: 28 Jul 93 10:07:01 EDT  
From: psinntp!arrl.org@uunet.uu.net  
Subject: Fixing the books  
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, carlson@tellabs.com (Dave Carlson) writes:

>Since you cannot run for Division Director, perhaps you should  
>run for Section Manager. It would give you some valuable experience  
>in what it's like to have a position of responsibility in the  
>ARRL Field Organization. A word of caution though - people will  
>expect you to do something besides complain.

>BTW, I have been an ARRL member for many more than 4 years, and  
>I'm still capable of disagreeing with Headquarters.

Dave, I have been an ARRL staffer for more than 7 years and I  
feel the same way sometimes. :-).

73, Ed

-----  
Ed Hare, KA1CV  
American Radio Relay League  
225 Main St.  
Newington, CT 06111  
(203) 666-1541 - voice  
ARRL Laboratory Supervisor  
RFI, xmtr and rcvr testing  
-----

ehare@arrl.org

"You will never put the puzzle together  
if you keep putting all of the pieces  
back in the box." Colleen

Date: 28 Jul 93 08:59:28 EDT  
From: psinntp!arrl.org@uunet.uu.net  
Subject: Fixing the books  
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, carlson@tellabs.com (Dave Carlson) writes:

>  
>BTW, I have been an ARRL member for many more than 4 years, and  
>I'm still capable of disagreeing with Headquarters.  
>

What modest-Dave is NOT telling you is that he actually held the position of ARRL Section Manager (88 to 90, as I recall) and knows of what he speaks/types...

And Dave knows that we RELY on "disagreement with Headquarters" to insure that we're serving members (and non-member amateurs as well!) properly and adequately. Don't stop, Dave, we NEED dissent to keep the gears greased...

Just the NOTION of the 'subject' up top of this message, as applying to the American Radio Relay League policy, is anathema! Yah, we 'fix' a lotta books around here. Over a hundred of 'em, actually. But not the kinda books originally envisioned! :)

			Deputy Manager, Field Services, ARRL.
		---	The ARRL Amateur Radio Emergency Service, the ARRL
	uck		urder
-----			National Traffic System, The Amateur Auxiliary to
			the FCC's Field Operations Bureau, the ARRL
	KY1T		Field Organization and the ARRL Monitoring System.

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lhurder@arrl.org Prodigy - MGTS39A, BIX - ARRL,  
MCI Mail - RPALM, MCI Mail - "ARRL", America On Line - "ARRL HQ"  
Compuserve - 70007,3373 (ARRL HQ) -- Genie ARRL.HQ  
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Date: 28 Jul 93 08:45:49 EDT  
From: psinntp!arrl.org@uunet.uu.net  
Subject: Fixing the books  
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, brian@nothing.ucsd.edu (Brian Kantor) writes:  
>  
>As with most older organizations, I rather expect that they fear change.  
>

Not absolutely sure what you mean by "older" organizations, Brian:

1. If 'older' in the sense of having been around for a long time AS an organization, yes, we're probably guilty as charged.
2. But if you mean 'older' with regard to the age of the ARRL HQ staff, the external Directors, and the like, I'd submit that we're actually middle-age-with-young-thoughts at worst. Or is that "at best?"

As for "fearing change", I should point out that we DEMAND change. We as a viable, active, and thriving organization must HAVE change in order to survive in this ever-changing shrinking-world atmosphere of instant worldwide electronic communications.

Change is good. And ya wanna know what? I look at very recent ARRL Board of Directors mandates/minutes and realize that, by gum, the fellers (and our membership-based, membership-guided organization) *\*are\** in fact changing pretty dramatically. This too is good.

>I would suggest an amendment that REQUIRES that one of the directors be  
>a recently-licensed ham - i.e., one whose first license was granted fewer  
>than 5 years ago.

As for ME, I have no problem with that suggestion. It has GREAT merit! How about going further? Sumpn along the lines of "during every cycle of new Director elections, at least one must be a newbie" according to your excellent definition of newbies. Sure! Why not?

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		___	The ARRL Amateur Radio Emergency Service, the ARRL
	uck		National Traffic System, The Amateur Auxiliary to
-----			the FCC's Field Operations Bureau, the ARRL
	KY1T		Field Organization and the ARRL Monitoring System.

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lhurder@arrl.org Prodigy - MGTS39A, BIX - ARRL,  
MCI Mail - RPALM, MCI Mail - "ARRL", America On Line - "ARRL HQ"  
Compuserve - 70007,3373 (ARRL HQ) -- Genie ARRL.HQ  
-----

Date: 28 Jul 93 09:41:49 EDT  
From: psinnntp!arrl.org@uunet.uu.net  
Subject: Freebies from ARRL HQ  
To: info-hams@ucsd.edu

A reminder to all that the American Radio Relay League continues to make available to Amateur Radio Operators and

non-amateurs alike a wide variety of free materials and services. Of particular interest to the not-yet-licensed individual would be the ARRL Prospective Ham Package. In the PHP, one would find:

-  
1. Printouts of Volunteer Examination session opportunities in his/her area.

-  
2. Listings of Amateur Radio clubs in his location.

-  
3. Helpful promotional material about the Amateur Radio Service.

-  
The already-licensed individual might well be interested in another free ARRL publication, the ARRL Public Service Communications Manual. The PSCM represents the "bible" of public service communications, and clearly/concisely points out how the ARRL National Traffic System and the ARRL Amateur Radio Emergency Service function as a cohesive unit to provide the maximum support to the public both in times of disaster as well as "normal" times.

-  
To obtain any of these free ARRL services, please provide me with:

- A. Your name  
B. Your mailing address  
C. A Specific request for either of the two services above.

-  
|           |   |           Deputy Manager, Field Services, ARRL.  
|           |\_\_\_\_|           The ARRL Amateur Radio Emergency Service, the ARRL  
| uck    |   |urder   National Traffic System, The Amateur Auxiliary to  
-----|   |           the FCC's Field Operations Bureau, the ARRL  
          KY1T           Field Organization and the ARRL Monitoring System.

-----  
lhurder@arrl.org   Prodigy - MGTS39A,   BIX - ARRL,  
          MCI Mail - RPALM, MCI Mail - "ARRL", America On Line - "ARRL HQ"  
          Compuserve - 70007,3373 (ARRL HQ) -- Genie ARRL.HQ

-----  
Date: 28 Jul 93 18:15:30 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Good vs Bad Antennas and AGC  
To: info-hams@ucsd.edu

>The scanner volume was much lower when using the 2 meter antenna compared  
>to the glass mount or the rubber duckie. Eric E. Snyder

Your scanner AGC is reacting to the increased RF from the better  
antenna... your signal/noise ratio has improved. KG7BK

-----

Date: 28 Jul 1993 14:24:14 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!math.ohio-  
state.edu!news.acns.nwu.edu!casbah.acns.nwu.edu!rdewan@network.ucsd.edu  
Subject: How many people actually use paddles ?  
To: info-hams@ucsd.edu

In article <1993Jul27.172349.5003@uoft02.utoledo.edu> mohan@tulip.es.utoledo.edu  
writes:

>Hello,  
>How much percentage of cw operators use paddles?

First, congratulations and welcome to a great hobby.

I do not know about percentage of CW operators that use paddles, but I  
use paddles at all times except for contests. During contests I prefer  
to use CT with its programmed function keys for sending.

>I want to work on cw when my license (finally) gets here.

Great! That is how I felt when I got started in July 1991. Nothing  
like CW. I commend you on your desire to try CW.

>Is it difficult to learn to send with the paddle/keyer combos?

No. I learned to use paddles before straight key. In fact, a couple  
of months before I got my license (just after passing the tests)  
I purchased a keyer and paddle and practiced regularly. By the time  
I got my license I was ready to go. I had my first qso - CW of course -  
with KC0IO at around 15 WPM. It was great. I have not looked back since.

>And my understanding is that paddles are expensive? Can someone with experience  
>suggest a few paddles in different price ranges?

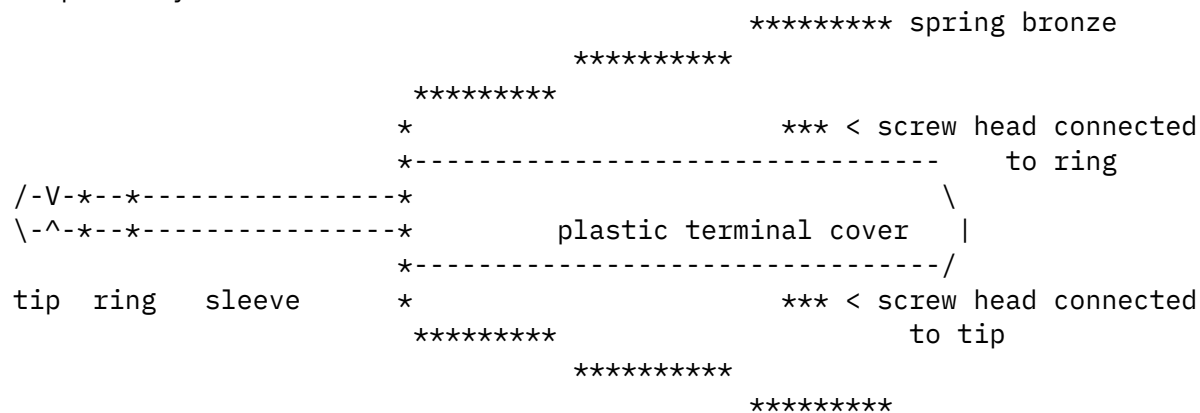
Not necessarily. There are lots of options:

1) Home brew:

- a) The neatest one I saw was in an old copy of Ham Radio magazine.  
It was built into a 1/4 stereo phono plug. Unscrew the plastic  
cover and install a U shaped spring phosphor bronze piece. The



contacts consist of two screws in the case. The figure below probably describes it better:



It might be easier to build the U shaped piece to soldering two straight pieces of spring bronze to a washer. The paddles connect directly into a keyer. While it is more common to use the thumb for dits and index finger for dahs, this paddle can be easily switched to opposite operation by just turning it half a turn. Neat.

- b) Get a couple of straight keys, often available cheaply at ham fests and connect them side to side. There was article in the QST about this a while ago.
  - c) for a short while even a piece of spring steel attache to a piece of wood with work nicely.
- 2) Buy a used one at a ham fest. I have seen Benchers (very nice ones) go for as little as \$25.
  - 3) Buy a new one: (here are the ones I have tried)
    - Bencher: Widely used. Nice, light and fast. abt \$65
    - MFJ: Similar to Bencher, just a little cheesier. \$45.
    - Vibroplex Iambic Standard: heavy, slower than others, looks good \$85
    - Kent: My favorite. Very fast, precise and easy to adjust. \$75
    - Hi-Mound: Stiff, comes with plastic cover, slower than Kent. \$85

There are others too. I am sure you will hear about them.

Rajiv

aa9ch

Address: r-dewan@nwu.edu

Phone: None on HF. Only CW.

Look for aa9ch/m on bottom end of 10m-80m.

-----

Date: 28 Jul 1993 14:56:35 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!magnus.acs.ohio-state.edu!ksampath@network.ucsd.edu  
Subject: How many people actually use paddles ?  
To: info-hams@ucsd.edu

In article <23626e\$00p@news.acns.nwu.edu> rdewan@casbah.acns.nwu.edu (Rajiv Dewan) writes:

> ... stuff ...  
>  
> 3) Buy a new one: (here are the ones I have tried)  
> Bencher: Widely used. Nice, light and fast. abt \$65  
> MFJ: Similar to Bencher, just a little cheesier. \$45.  
> Vibroplex Iambic Standard: heavy, slower than others, looks good \$85  
> Kent: My favorite. Very fast, precise and easy to adjust. \$75  
> Hi-Mound: Stiff, comes with plastic cover, slower than Kent. \$85  
>  
> There are others too. I am sure you will hear about them.  
>  
>Rajiv  
>aa9ch

does anyone use the "jones key"? some ads in qst list them around \$140 (ouch!). i saw one at universal shortwave but did not get a chance to play with it.....

krishna  
kb8fav

--  
dr krishna s. sampath...senior research associate...kss@lenz.eng.ohio-state.edu  
ohio state u, electroscience lab.....(614) 292-7981 (w).....(614) 292-7297 (f)  
1320 kinneear rd, columbus, oh 43212..06/93 ee phd looking for emi/emc/comm. job  
-----  
  
-----

Date: 28 Jul 1993 14:27:20 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!math.ohio-state.edu!news.acns.nwu.edu!casbah.acns.nwu.edu!rdewan@network.ucsd.edu  
Subject: ICOM Service Warrantee?  
To: info-hams@ucsd.edu

In article <1993Jul28.001555.11164@wattres.SJ.CA.US> sking@wattres.SJ.CA.US (Steve King) writes:

>

>Does anyone know if ICOM factory service has a warrantee on their  
>work? I sent my IC-02AT in for service last year and the same problem  
>popped up today. I can understand the first time since I didn't know

They are really good. I had to send a rig back for the same problem  
and they:

    bumped it to the head of the queue,  
    fixed it free of charge, and  
    paid for shipping it back to me.

Rajiv

aa9ch

Address: r-dewan@nwu.edu

Phone: None on HF. Only CW.

    Look for aa9ch/m on bottom end of 10m-80m.

-----  
Date: 28 Jul 93 09:40:33

From: dog.ee.lbl.gov!overload.lbl.gov!agate!spool.mu.edu!bloom-beacon.mit.edu!  
senator-bedfellow.mit.edu!math.mit.edu!drw@network.ucsd.edu

Subject: ITU emission designators

To: info-hams@ucsd.edu

I'd like to get a copy of the "ITU emission designator" chart. (Those  
are the codes like "A1A" for CW, and "A2B" for RTTY, and so on.) Is  
it available online?

Thanks,

Dale

Dale Worley

Dept. of Math., MIT

drw@math.mit.edu

--

In the Beginning, there was void... and there was me. And I looked  
upon the void and saw that I was alone... Let there be light!

-- The Bomb, in "Dark Star"

-----  
Date: 28 Jul 93 10:04:41 EDT

From: psinntp!arrrl.org@uunet.uu.net

Subject: More freebies

To: info-hams@ucsd.edu

    Interested in the Amateur Radio Service, but don't  
know where to turn to locally for assistance?

Well, one of the very best ways to get a local helping hand is to establish a relationship with your local Amateur Radio club. And most areas of the country have more clubs than you'd think possible.

Ah, but the eternal question is always "Say, just how DO I contact an Amateur Radio club near me?"

Well, folks, do I have a deal for you!

For the price of a message to me here at ARRL HQ, (SEEMS cheap enough!) and a specific request, I can get you listings of more clubs than you'd ever want to visit.

To make it happen, please send me a message with your name, your mailing address, and a specific request for the Amateur Radio clubs in your area. I'll get them right out to you.

And for those of you who are already licensed radio amateurs, remember, your local clubs represent an ENORMOUS resource for you.

Having trouble with TVI or local ordinances that affect your capability to serve the public by way of your Amateur Radio license? Interested in finding someone to assist with a tower installation? Need to locate a kindred spirit that understands YOUR concerns about Amateur Radio satellite operation or digital networking via Amateur Radio? Chances are that someone in your club can help.

Another free service, brought to you by the world's largest support organization for the Amateur Radio Service -- the American Radio Relay League.

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			the FCC's Field Operations Bureau, the ARRL
	KY1T		Field Organization and the ARRL Monitoring System.

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lhurder@arrl.org    Prodigy - MGTS39A,    BIX - ARRL,  
                  MCI Mail - RPALM, MCI Mail - "ARRL", America On Line - "ARRL HQ"  
                  Compuserve - 70007,3373 (ARRL HQ)    -- Genie ARRL.HQ  
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Date: 28 Jul 93 10:10:16 EDT  
From: psinntp!arrl.org@uunet.uu.net  
Subject: Recipop packages  
To: info-hams@ucsd.edu

Yet another of the many free services that ARRL HQ offers is the ability to obtain Reciprocol Operating permit information.

Matter of fact, ARRL HQ is the ONLY place on the planet where this information resides!

"Awrite, already" sez you, "why would I ever want one, and how much are ya gonna burn me to GET one?" "Glad you asked!" sez I

Radio amateurs are a constantly-travelling, very mobile, bunch of folks, it appears, and their travels clearly take them to countries near and far. Myself, I prefer "far" rather than 'near', but if you're inclined to travel to Canada, you can ignore this whole tome, as the Canadian government and our own here in the States have worked out an automatic-reciprocity agreement.

But if Belize is on your itinerary perhaps, or any of the other many countries with whom we share a reciprocol operating agreement, you're in luck! Many foreign administrations DO allow U.S. Amateur Radio licensees to apply for a reciprocol operating permit, and you need but ask us for the complimentary package that we make available.

To make your trip more enjoyable in that regard, we need:

1. Your name
2. Your mailing address
3. A specific request for the RECIPOP package for the specific country you'll be off to.

And, yes, an e-mail request is fine!

			Deputy Manager, Field Services, ARRL.
		___	The ARRL Amateur Radio Emergency Service, the ARRL
	uck		urder
			National Traffic System, The Amateur Auxiliary to
-----			the FCC's Field Operations Bureau, the ARRL
	KY1T		Field Organization and the ARRL Monitoring System.

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lhurder@arrl.org Prodigy - MGTS39A, BIX - ARRL,  
MCI Mail - RPALM, MCI Mail - "ARRL", America On Line - "ARRL HQ"  
Compuserve - 70007,3373 (ARRL HQ) -- Genie ARRL.HQ

-----  
Date: Wed, 28 Jul 1993 13:27:47 GMT  
From: psinntp!laidbak!tellab5!jwa@uunet.uu.net  
Subject: Replacing ICOM 271/471 Ram Batteries...Better Do It!  
To: info-hams@ucsd.edu

In article <9307221317.AA09175@mbs.telesys.utexas.edu>  
miles@mbs.telesys.utexas.EDU (Miles Abernathy) writes:  
>>I am concerned about the longevity of my Icom 271/471 internal batteries.  
>>These have an unknown age. I have been told that these can be replaced by  
>>first temporarily connecting a new battery in parallel with the existing one,  
>>removing the old battery, fitting a new one, and finally disconnecting the  
>>temporary one. Has anyone had any experience with this maneuver ? Sounds  
>>scary, but theory says it should be ok.....  
>>  
>>John Mcleod N6RCD.  
A company called Willco Electronics sells a memory board that  
has the important data stored in ROM. When the battery fails,  
the radio won't die, you just lose the memories. The board  
also increases the frequency limits and has 1024 memories.

-----  
Date: 28 Jul 93 10:25:49 EST  
From: pravda.sdsc.edu!news.cerf.net!usc!howland.reston.ans.net!  
europa.eng.gtefsd.com!news.ans.net!malgudi.oar.net!uoft02.utoledo.edu!tulip!  
mohan@network.ucsd.edu  
Subject: W9GR Low cost DSP kit ...  
To: info-hams@ucsd.edu

Hello,  
I read the article by W9GR in QST about DSP application in amateur radio.  
Any body here actually built the circuit have comments about it ?  
Also there was an advertisement for a "W9GR DSP II" in July 1993 QST, any idea  
what improvements have been in the project since the article was published  
in Sept 1992.

Thanks :)  
--mohan

=====  
+ Mohanakrishna Pakkurti + mohan@jupiter.cse.utoledo.edu +  
+ HOME: 2239 University Hills Blvd #204, Toledo OH 43606. Phone:(419)536-9073 +  
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End of Info-Hams Digest V93 #913

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